

Title (en)

INORGANIC-ORGANIC FILLERS, METHOD FOR THEIR PREPARATION AND THEIR USE IN POLYMERIZABLE COMPOSITIONS

Publication

**EP 0142784 B1 19880120 (DE)**

Application

**EP 84113506 A 19841108**

Priority

DE 3341888 A 19831119

Abstract (en)

[origin: US4617327A] A filler for a polymerizable composition comprising an inorganic core of particles with a particle size of 10 to 500 nm, a first shell of vinylsilane and a second shell of a (meth)acrylate polymer. The filler is then used to prepare dental moldings of acrylates in conventional manner. The moldings are very hard and abrasion resistant.

IPC 1-7

**C09C 3/10**; **C08K 9/10**; **C08F 285/00**; **C08F 292/00**

IPC 8 full level

**C08K 9/06** (2006.01); **A61K 6/083** (2006.01); **A61K 6/884** (2020.01); **C08F 2/00** (2006.01); **C08F 2/06** (2006.01); **C08F 2/38** (2006.01); **C08F 2/44** (2006.01); **C08F 20/00** (2006.01); **C08F 20/10** (2006.01); **C08F 20/18** (2006.01); **C08F 30/00** (2006.01); **C08F 30/08** (2006.01); **C08F 220/10** (2006.01); **C08F 269/00** (2006.01); **C08F 275/00** (2006.01); **C08F 285/00** (2006.01); **C08F 292/00** (2006.01); **C08K 9/10** (2006.01); **C08L 33/00** (2006.01); **C08L 33/02** (2006.01); **C08L 33/04** (2006.01); **C08L 33/08** (2006.01); **C08L 33/14** (2006.01); **C08L 43/00** (2006.01); **C08L 43/04** (2006.01); **C08L 67/00** (2006.01); **C09C 1/28** (2006.01); **C09C 1/30** (2006.01); **C09C 1/40** (2006.01); **C09C 1/42** (2006.01); **C09C 3/00** (2006.01); **C09C 3/10** (2006.01); **C09C 3/12** (2006.01)

CPC (source: EP US)

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Cited by

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